



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Peter Deane

Attorney Docket No.:
NSC1P269/P05569

Patent: 7,031,576 B2

Issued: April 18, 2006

Title: CONNECTORIZED SILICON BENCH FOR
PASSIVELY ALIGNING OPTICAL FIBERS

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on September 15, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

Aurelia M. Sanchez

REQUEST FOR CERTIFICATE OF CORRECTION OF OFFICE MISTAKE (35 U.S.C. §254, 37 CFR §1.322)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn: Certificate of Correction

Dear Sir:

Certificate
SEP 22 2006
of Correction

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

CLAIMS:

1. In line 3 of claim 1 (column 4, line 13) change "beach" to --bench--. This appears correctly in Amendment C as filed on October 31, 2005, on page 2, paragraph 2, line 3.
2. In line 15 of claim 1 (column 4, line 25) change "within to" to --within the--. This appears correctly in Amendment C as filed on October 31, 2005, on page 2, paragraph 2, line 10.
3. In line 18 of claim 1 (column 4, line 28) change "cylinder taped" to --cylinder shaped--. This appears correctly in Amendment C as filed on October 31, 2005, on page 2, paragraph 2, line 12.

SEP 22 2006

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NSC1P269).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP

James W. Rose
Registration No. 34,239

P.O. Box 70250
Oakland, CA 94612-0250
650-961-8300

6/2/05

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) An apparatus, comprising:
a bench having an optical component;
a groove formed in the bench, the groove configured to accommodate an optical fiber;
a ferrule, including a recess region to accommodate the optic fiber when the ferrule is mounted onto the bench, the groove and the ferrule being configured to passively aligning the optical fiber and the optical component on the bench and;
a cylindrical shaped connector sleeve defining a receptacle having a first opening located at a first end of the cylindrical shaped connector sleeve and a second opening located at an opposite second end of the cylindrical shaped connector sleeve, the first opening being configured to receive (within the) receptacle the silicon bench and ferrule and the second opening being configured to receive a plug-in connector within the receptacle of the (cylindrical shaped) connector sleeve, the silicon bench, ferrule and plug-in connector all configured to be optically aligned within the cylindrical shaped connector sleeve.
2. (original) The apparatus of claim 1, wherein the groove comprises but is not limited to one of the following types of shapes, V-groove or trench.
3. (original) The apparatus of claim 2, wherein ferrule is stepped in shape.
4. (original) The apparatus of claim 1, wherein the bench is made from etched silicon.
5. (original) The apparatus of claim 1, wherein the bench further comprises a lens or waveguide optically positioned between the optical component and the optic fiber.
6. (original) The apparatus of claim 1, wherein the optical component is a optical receiver.

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(Also Form PT-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,031,576 B2

Page 1 of 1

DATED : April 18, 2006

INVENTOR(S) : Peter Deane

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the Claims:

In line 3 of claim 1 (column 4, line 13) change "beach" to --bench--.

In line 15 of claim 1 (column 4, line 25) change "within to" to --within the--.

In line 18 of claim 1 (column 4, line 28) change "cylinder taped" to --cylinder shaped--.

MAILING ADDRESS OF SENDER:

PATENT NO. 34,239

James W. Rose
BEYER WEAVER & THOMAS, LLP
P.O. Box 70250
Oakland, CA 94612-0250

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